



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application:

FRANK CORDIALE

Serial No.: 09/731,637

Filed: 12/07/00

For: BRUSHLESS ELECTRIC MOTOR

Examiner: JUDSON JONES

Art Unit: 2834

TECHNOLOGY CENTER 2800

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Ant B
J. White
12-23-03

AMENDMENT

Box non-Fee Amendments
Commissioner For Patents
Washington, D.C. 20231

Dear Sir:

This Amendment is in response to the Office Action dated October 24, 2002.

In the Claims

Marked up version

1. (Amended) A prime mover comprising a cylindrical framework wound with at least two copper filaments, a steel piston of spherical shape disposed axially concentric with said framework, a power source for energizing one of said copper filaments with electric current which induces said steel piston to move axially toward a central position of said energized [windings] copper filament, and at least one switch for controlling the energy flow in each of said copper filaments.
2. (Amended) [A prime mover as set forth in Claim 1] A prime mover comprising a cylindrical framework wound with at least two copper filaments, a steel piston disposed axially concentric with said framework, a power source for energizing one of said copper filaments with electric current which induces said steel piston to move axially toward a central position of said [energized windings] copper filaments, and at least one switch for controlling the energy flow in each of said copper filaments further comprising a permanent magnetic source for accelerating a reciprocation motion of said steel piston located at at least one end of said cylindrical framework..
3. (Amended) A prime mover as set forth in Claim 1 [wherein said piston is spherical in shape] further comprising magnet means located at an axial extreme of said coil..
4. (Amended) A prime mover as set forth in Claim 2 [1] wherein said piston is shaped in the cross section of said framework.
5. (Amended) A prime mover as set forth in Claim [1]2 wherein said prime mover further